

Data Path : Z:\HPCHEM1\HPLC_N\Data\HN110414\
 Data File : HN006988.D
 Signal(s) : VWD1A.CH
 Acq On : 04-Nov-2014, 14:51
 Operator : TP
 Sample : PB79807BS
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 HPLC_N
 ClientSampleId :
 PB79807BS

Manual Integrations
 APPROVED

mohammad
 3/16/2015 12:47:46 PM

Integration File: autoint1.e
 Quant Time: Nov 05 04:06:54 2014
 Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN103114.M
 Quant Title :
 QLast Update : Wed Nov 05 03:01:15 2014
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 50 ul
 Signal Phase : ZORBAX Extend-C18
 Signal Info : 4.6 X 100mm 3.5-Micron 80A

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
1) S 4-Nitroaniline	1.311	601279	165.402 ug/L m
Target Compounds			
2) T HMX	0.879	551574	126.500 ug/L
3) T RDX	1.708	621086	121.415 ug/L m
4) T 1,3,5-Trinitrobenzene	2.690	1320436	128.997 ug/L
5) T 1,3-Dinitrobenzene	3.568	2120907	134.216 ng/ml
6) T 3,5-Dinitroaniline	3.950	1543440	137.634 ug/L m
7) T Nitrobenzene	4.825	1278933	134.270 ug/L m
8) T Tetryl	6.403	647661	131.475 ug/L m
9) T 2,4,6-Trinitrotoluene	6.634	1406278	138.684 ug/L m
10) T 2-Amino-4,6-dinitroto...	7.188	1372519	122.631 ug/L m
11) T 4-Amino-2,6-dinitroto...	7.526	844185	148.766 ug/L m
12) T 2,4-Dinitrotoluene	8.314	1976399	133.269 ug/L m
13) T 2,6-Dinitrotoluene	8.725	1081889	134.942 ug/L m
14) T 2-Nitrotoluene	12.125	780081	123.257 ug/L m
15) T 4-Nitrotoluene	12.833	645776	126.952 ug/L m
16) T 3-Nitrotoluene	14.159	874636	129.264 ug/L m
17) T PETN	19.303	1194644	142.400 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\HPCHEM1\HPLC_N\Data\HN110414\
Data File : HN006988.D
Signal(s) : VWD1A.CH
Acq On : 04-Nov-2014, 14:51
Operator : TP
Sample : PB79807BS
Misc :
ALS Vial : 2 Sample Multiplier: 1

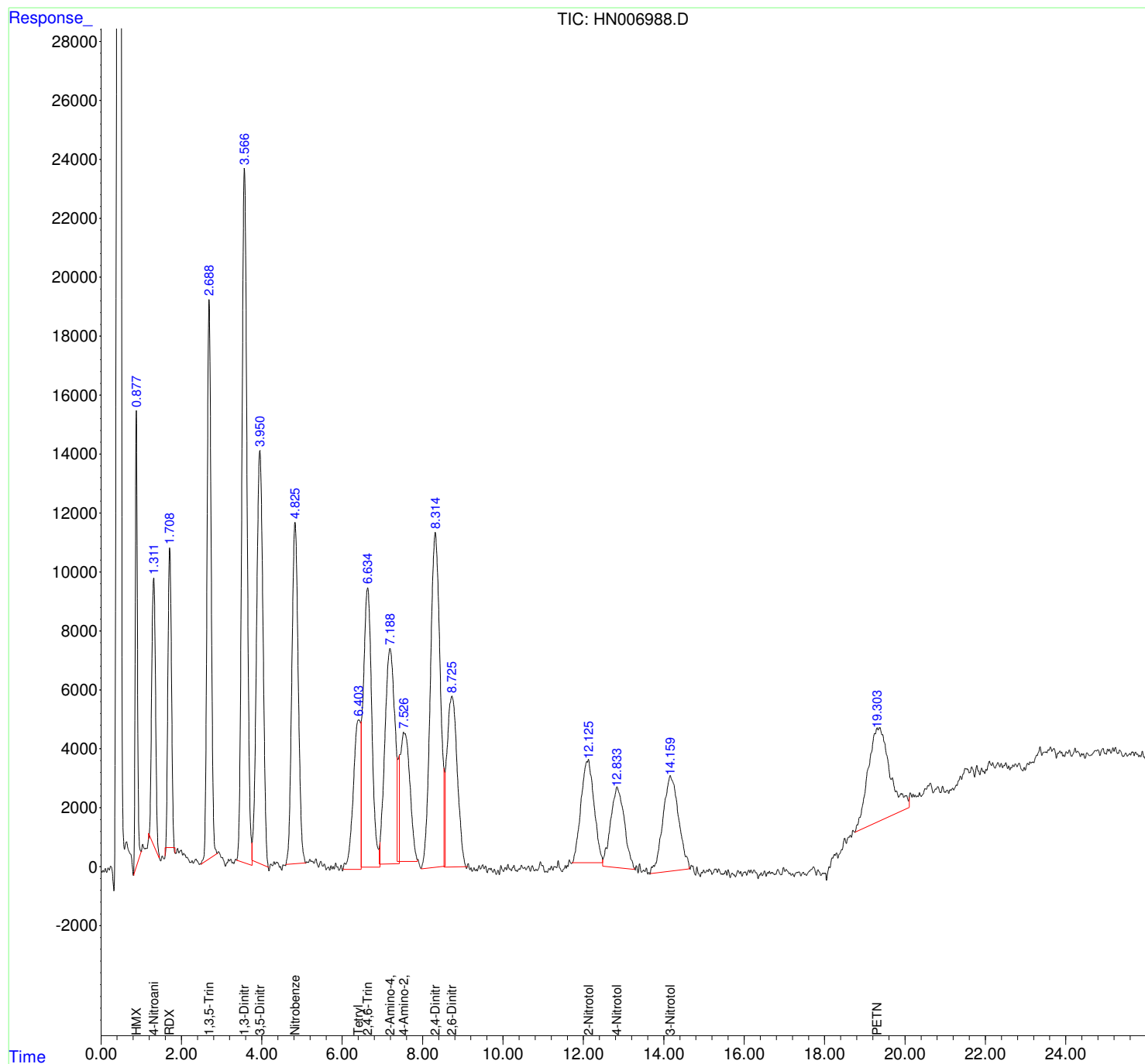
Instrument :
HPLC_N
ClientSampleId :
PB79807BS

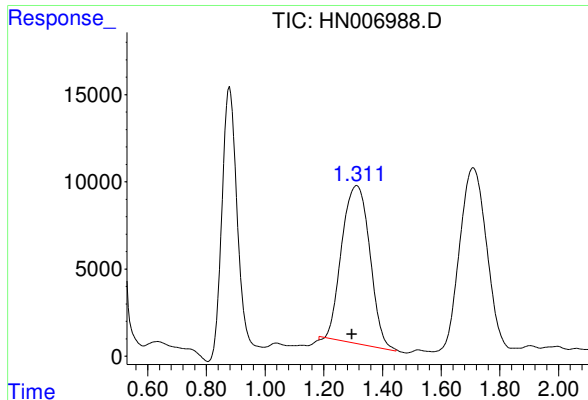
Manual Integrations
APPROVED

mohammad
3/16/2015 12:47:46 PM

Integration File: autoint1.e
Quant Time: Nov 05 04:06:54 2014
Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN103114.M
Quant Title :
QLast Update : Wed Nov 05 03:01:15 2014
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 50 ul
Signal Phase : ZORBAX Extend-C18
Signal Info : 4.6 X 100mm 3.5-Micron 80A





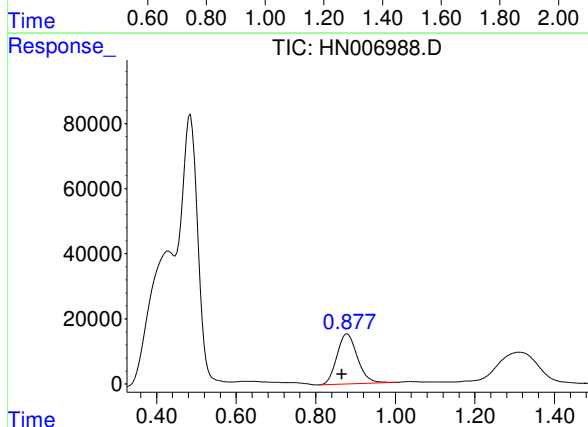
#1 4-Nitroaniline

R.T.: 1.311 min
Delta R.T.: 0.015 min
Response: 601279
Conc: 165.40 ug/L m

Instrument :
HPLC_N
ClientSampleId :
PB79807BS

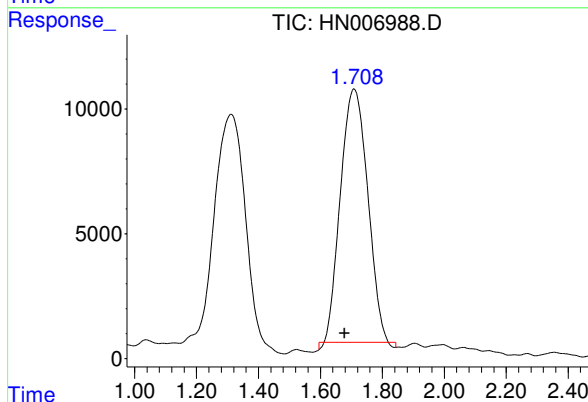
Manual Integrations
APPROVED

mohammad
3/16/2015 12:47:46 PM



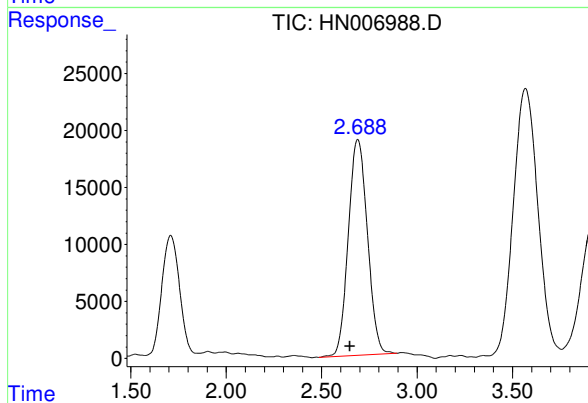
#2 HMX

R.T.: 0.879 min
Delta R.T.: 0.014 min
Response: 551574
Conc: 126.50 ug/L



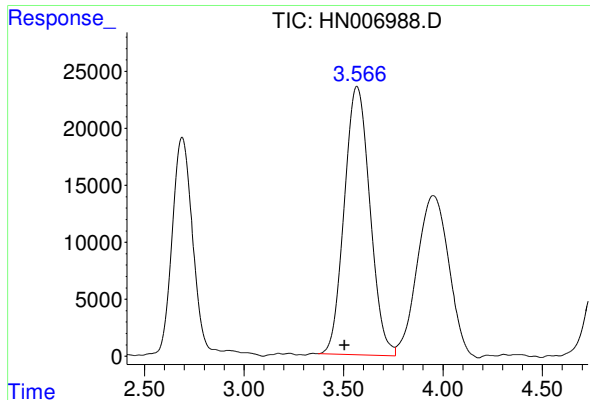
#3 RDX

R.T.: 1.708 min
Delta R.T.: 0.030 min
Response: 621086
Conc: 121.42 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 2.690 min
Delta R.T.: 0.042 min
Response: 1320436
Conc: 129.00 ug/L



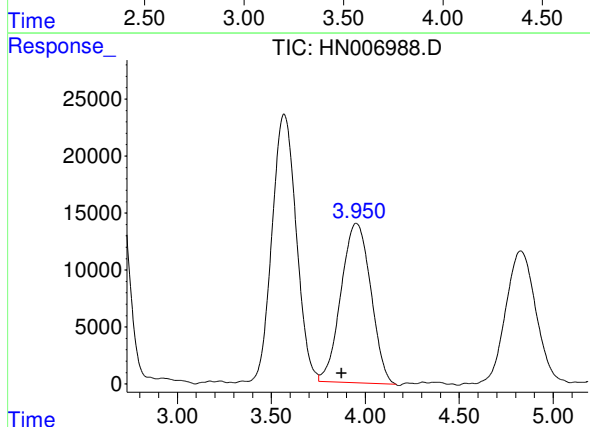
#5 1,3-Dinitrobenzene

R.T.: 3.568 min
Delta R.T.: 0.062 min
Response: 2120907
Conc: 134.22 ng/ml

Instrument :
HPLC_N
ClientSampleId :
PB79807BS

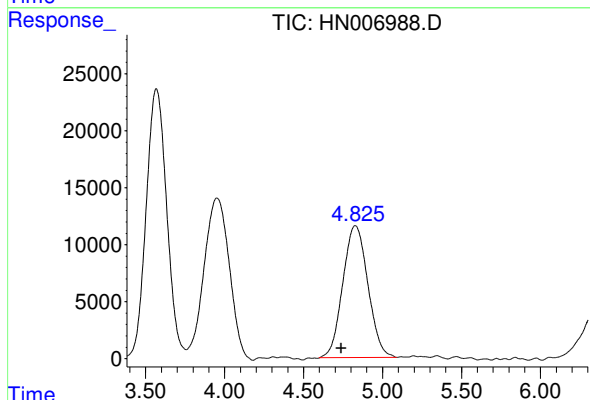
Manual Integrations
APPROVED

mohammad
3/16/2015 12:47:46 PM



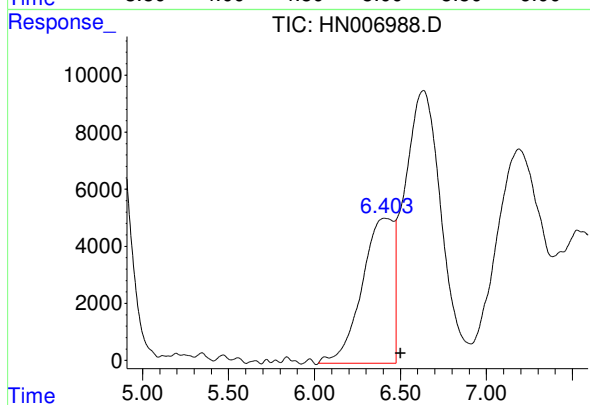
#6 3,5-Dinitroaniline

R.T.: 3.950 min
Delta R.T.: 0.077 min
Response: 1543440
Conc: 137.63 ug/L m



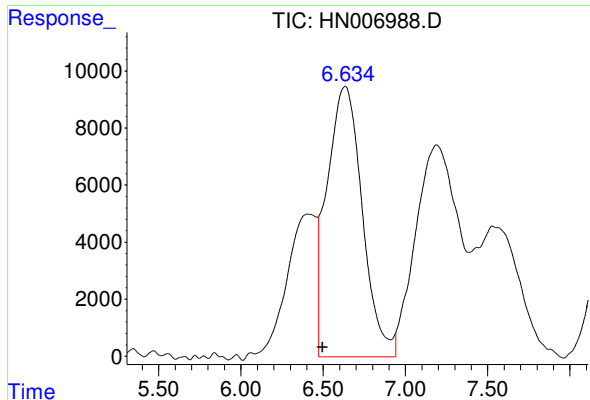
#7 Nitrobenzene

R.T.: 4.825 min
Delta R.T.: 0.088 min
Response: 1278933
Conc: 134.27 ug/L m



#8 Tetryl

R.T.: 6.403 min
Delta R.T.: -0.097 min
Response: 647661
Conc: 131.48 ug/L m



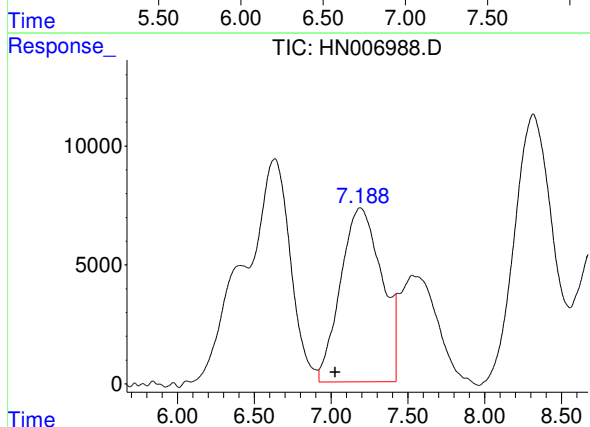
#9 2,4,6-Trinitrotoluene

R.T.: 6.634 min
Delta R.T.: 0.138 min
Response: 1406278
Conc: 138.68 ug/L m

Instrument :
HPLC_N
ClientSampleId :
PB79807BS

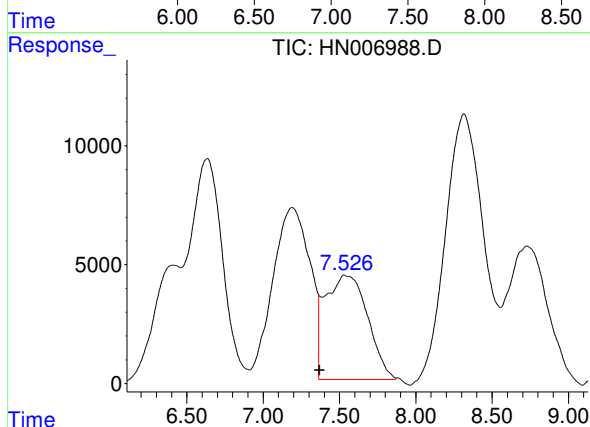
Manual Integrations
APPROVED

mohammad
3/16/2015 12:47:46 PM



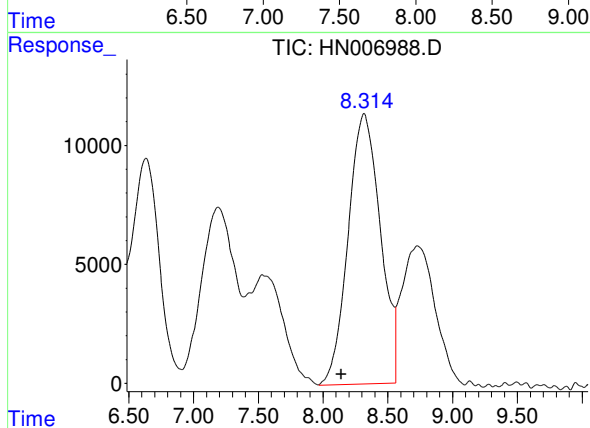
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.188 min
Delta R.T.: 0.161 min
Response: 1372519
Conc: 122.63 ug/L m



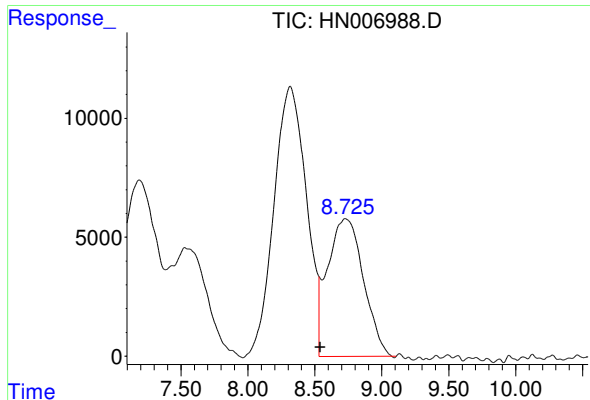
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.526 min
Delta R.T.: 0.157 min
Response: 844185
Conc: 148.77 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.314 min
Delta R.T.: 0.175 min
Response: 1976399
Conc: 133.27 ug/L m



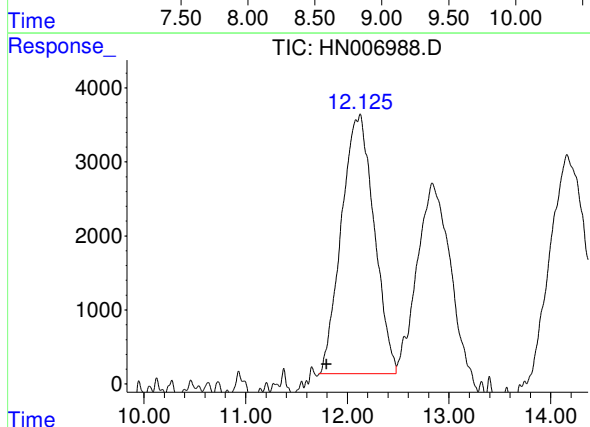
#13 2,6-Dinitrotoluene

R.T.: 8.725 min
Delta R.T.: 0.184 min
Response: 1081889
Conc: 134.94 ug/L m

Instrument :
HPLC_N
ClientSampleId :
PB79807BS

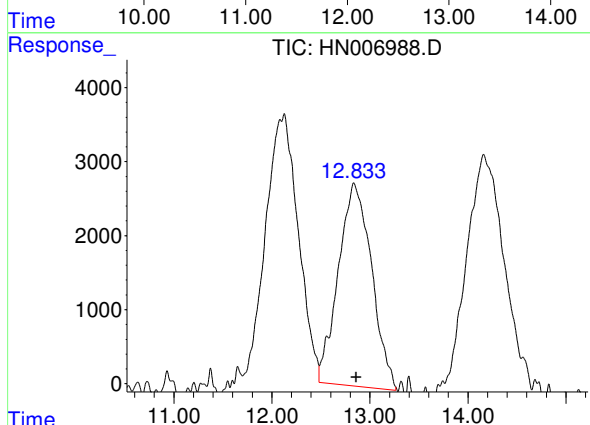
Manual Integrations
APPROVED

mohammad
3/16/2015 12:47:46 PM



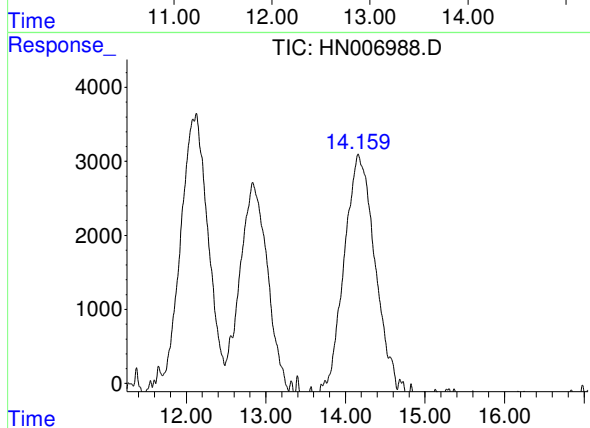
#14 2-Nitrotoluene

R.T.: 12.125 min
Delta R.T.: 0.330 min
Response: 780081
Conc: 123.26 ug/L m



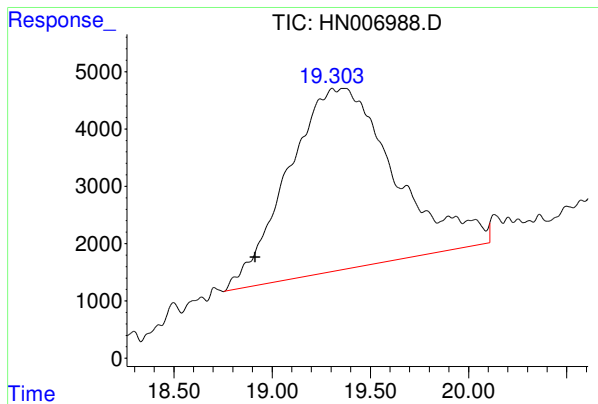
#15 4-Nitrotoluene

R.T.: 12.833 min
Delta R.T.: -0.027 min
Response: 645776
Conc: 126.95 ug/L m



#16 3-Nitrotoluene

R.T.: 14.159 min
Delta R.T.: 0.332 min
Response: 874636
Conc: 129.26 ug/L m



#17 PETN

R.T.: 19.303 min
Delta R.T.: 0.388 min
Response: 1194644
Conc: 142.40 ug/L m

Instrument :
HPLC_N
ClientSampleId :
PB79807BS

Manual Integrations
APPROVED

mohammad
3/16/2015 12:47:46 PM